

## REGISTRATION

Please register online at <https://www.palas.de/en/exhibition>

You will receive a confirmation including the invoice for the seminar, or for the seminar and the workshop. Please note that your seminar place is **booked bindingly only after the receipt of your payment.**

If the number of registration exceeds the available seats, the seats will be awarded according to the receipt of payment.

**Deadline for registration is August 31, 2018!**

## COSTS

### Seminar fee

September 18, 2018  
71,40€ (60€ plus VAT)

### Workshop fee

September 19, 2018  
41,65€ (35€ plus VAT)

The seminar fee includes conference materials, hot and cold beverages, snacks, **lunch** as well as the **networking dinner** at the Novotel restaurant.

The additional workshop fee includes hot and cold beverages, snacks and **lunch** at Palas®.

## LOCATION

The seminar takes place at the

### Novotel City Hotel

Festplatz 2  
76137 Karlsruhe, Germany  
Phone: +49 721 3526-0  
[www.novotel.com](http://www.novotel.com)

The venue is located within **15 minutes walking distance** from the Karlsruhe main station. Sufficient **parking spaces** are available at the hotel for a fee.

The workshop takes place at

### Palas® GmbH

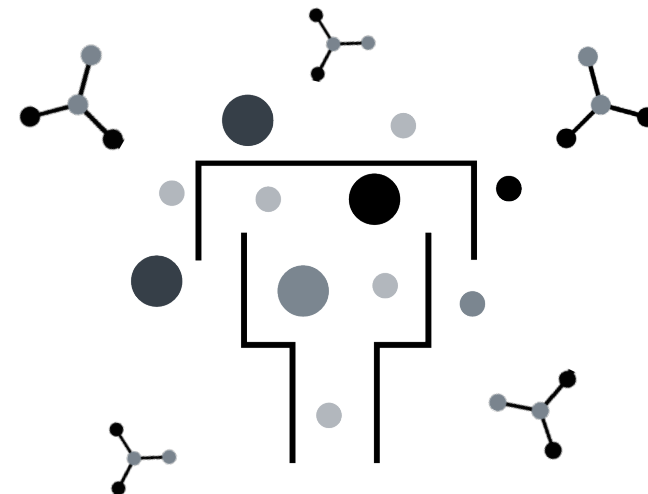
Greschbachstrasse 3 b  
76229 Karlsruhe, Germany  
Phone: +49 721 96213-0  
[www.palas.de](http://www.palas.de)

Limited parking spaces are available for free.

## ROOM RESERVATION

Please book your hotel room by yourself. A list of **hotel recommendations** in Karlsruhe and the surrounding area can be found at [www.palas.de/en/contact/map](http://www.palas.de/en/contact/map).

If you wish to book a hotel room at the Novotel City Hotel, feel free to make use of our **room contingent** (valid until August 8, 2018). The keyword is „**Palas**“. Please pay your hotel bill **on-site** at the hotel.



## PM<sub>2.5</sub> MONITORING - WHAT'S NEXT?

September 18 - 19, 2018  
Hotel Novotel City  
Karlsruhe, Germany

# PM 2.5 MONITORING - WHAT'S NEXT?

## PANEL DISCUSSION & NETWORKING MEETING

### JOIN THE EXPERT TALKS

Palas® invites you to learn and discuss about the latest **developments, challenges** and **upcoming trends** in ambient air quality monitoring.

Meet experts and speakers from industry, academia, networks and certification bodies and share ideas about taking air quality monitoring to the next level.

On September 18, the **expert talks** will cover topics ranging from health-related aspects, drone-based mobile monitoring or the challenges and opportunities of low-cost sensors to the latest news on **CEN- and ISO-guidelines** and (ultra) fine dust monitoring, e. g. on airports.

Our chairman **Prof. Dr.-Ing. Achim Dittler**, Head of the „Gas-Particle-Systems“ Group at the Karlsruhe Institute of Technology (KIT), will be pleased to moderate the talks and discussions and guide you through the seminar.

The **additional workshop** on September 19 will answer all important questions about measuring (ultra) fine dust. Find out more during the theoretical short course and the practical demonstration with measuring instruments afterwards.

### AGENDA | MORNING

- 09.45 am** **Welcoming & Registration**  
Prof. Dr.-Ing. Achim Dittler,  
Karlsruhe Institute of Technology (KIT)
- 10.00 am** **Introductory Talk: Fine Dust - Facts And Public Awareness**  
Prof. Dr.-Ing. Achim Dittler, KIT
- 10.30 am** **Taking Ambient Air Monitoring To The Next Level**  
Dr.-Ing. Stefan Hoge Kamp, Palas®  
Dr.-Ing. Frederik Weis, Palas®
- 11.00 am** **Coffee Break**
- 11.30 am** **What Do We Really Know About Health Effects Of Fine Particulate Matter From Epidemiological Studies?**  
Dr. Iris Zöllner, Stuttgart
- 12.00 pm** **Toxicological Effects Of Air Pollutants**  
Dr. Sabrina Michael, Eisenbahnbundesamt (Federal Railway Authority)
- 12.30 pm** **Lunch Break**
- 13.45 pm** **Latest Trends In Fine Dust Monitoring Technology For Air Quality Compliance In Large Networks**  
Jim Mills, Air Monitors UK

### AGENDA | AFTERNOON

- 14.15 pm** **Air Quality Regulations And Aviation**  
Emanuel Fleuti, Zurich Airport
- 14.45 pm** **Coffee Break**
- 15.15 pm** **Fields Of Application For Highly Flexible PM Measuring Instruments**  
Dr.-Ing. Matthias Kaul, Institute Of Particle Technology of Bergische Universität Wuppertal
- 15.45 pm** **Comparison Of Optical Aerosol Spectrometers And Low-Cost Photometers For Monitoring The Particulate Exposure At Workplaces**  
Dr. Stefan Schumacher, IUTA (Institute of Energy and Environmental Technology e.V.)
- 16.15 pm** **Coffee Break**
- 16.45 pm** **Tackling Inner City Air Pollution Problems - First Concepts Of Urban Fine Dust Filtration**  
Dr.-Ing. Christoph Schulz,  
MANN+HUMMEL
- 17.15 pm** **Discussion & Get-together**
- 18.00 pm** **Dinner At Novotel Restaurant**